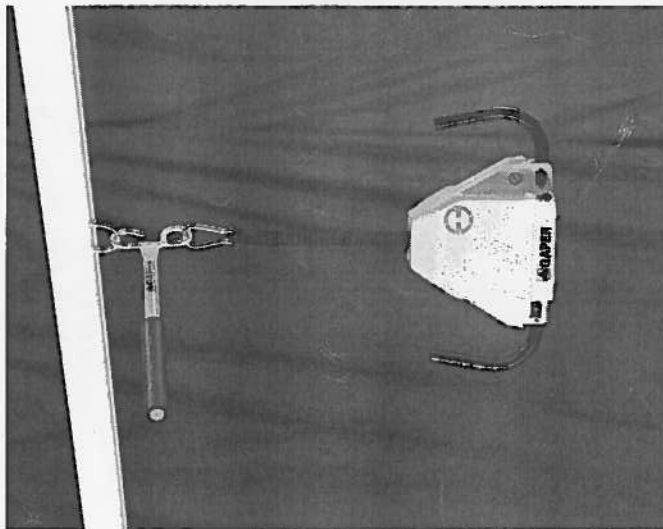




PORTABLE CEILING LIFT
(model GP602) Turbo



USER'S MANUAL

Manufactured in Canada by:



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installation by a person not authorised by Gaper Products Ltd. The foregoing is in lieu of all warranties expressed, implied and statutory. Gaper Products sole liability extends to repair or replace any part or component, in accordance with the above terms.

Notwithstanding the general nature of the limitations stated herein, the purchaser may benefit from additional warranties or the right to modify the content of this limited warranty if these rights are provided by law in the area of domicile, in which case, it must undergo the necessary amendments to be applicable, otherwise this warranty shall remain in effect.

Introduction:

Thank you for having chosen a GAPER product.

The **Gaper - Universal Lift System** has been designed to provide safe and easy lifting and transferring for people with disabilities.

This manual will provide you with all the necessary information on the operation and maintenance of your new **Gaper - Universal Lift System**.

Please take the time to read this manual to make the best use of your new **Gaper - Universal Lift System**.

1. General Information:

1.1 Safety Measures:

a) The **Gaper - Universal Lift System** has been designed to be used with the Gaper Tracking System and Accessories. Installation of the Gaper Tracking must be done by a certified contractor following the installation instructions provided by Gaper Products Ltd.

b) Although the **Gaper - Universal Lift System** can accommodate the use of different brands of slings, it is strongly recommend that the Gaper Slings be used for maximum comfort and safety.

c) To maximise performance and life expectancy of your system, follow the enclosed operating and maintenance instructions.

d) The **Gaper - Universal Lift System** has been designed to be used up to a maximum safe working load of 250 kg (550 lb.).

e) Do not allow children, persons with cognitively impairment or persons with severe disabilities to use this system without proper supervision.

f) The **Gaper - Universal Lift System** can be used independently by some persons with disabilities, but many users will need the assistance of a caregiver to ensure proper safety and use of the system. Please consult a medical, nursing and/or a rehabilitation professional for advice.

g) **Do not** submerge the power unit in water.

4.3 Inspection:

Approximately after every 100 lifts, run the power unit all the way down and inspect the entire length of the strap. Have the unit serviced if there is any fraying or any other damage.

Inspect the tracking system periodically. Ensure that the Track End Stop and the Ceiling Hardware are secure.

If the webbing straps are used, inspect the straps for any fraying or other damage.

4.4 Storage:

When storing the Universal Patient Lift:

- a) Make sure the area is dry.
- b) Turn the "ON/OFF" switch to the "OFF" position.

Note: Batteries should be charged every 3 months when not in use.

5. Warranty:

Gaper Products Ltd. will warrant its products and parts to be free from defects in materials and workmanship under normal use, providing that proper service and maintenance is given, for a period of (one) 1 year from date of purchase. Repairs and reconditioned items are subject to ninety (90) day limited warranty.

This limited warranty does not apply to goods damaged by abuse, negligence, accident, normal wear and tear or improper

2. Operating Instructions:

2.1 Features:

- a) The **Gaper - Universal Lift System** (model GP601) is motorised for vertical transfers (up/down).
- b) Battery operated (24 volts).
- c) Lifting capacity of 250 kg (550 lb.).
- d) The handles/carry bar can accommodate different types of slings.
- e) "ON/OFF" Switch.
- f) Automatic stop system at the end of lifting range.
- g) Emergency lowering mechanism.
- h) Light weight - 6.4 kg (14 lb.).
- i) Low battery indicator (visual and audio).
- j) Fast charging cycle.
- k) Controls: Switches on power unit or optional remote control.
- l) Self-locking mechanism in case of motor failure.
- m) May be used independently or with a care giver

3. Safety Features:

3.1 Emergency Lifting/Lowering Mechanism:

The **Universal Patient Lift** is equipped with an emergency lifting/lowering mechanism.

In case of failure in the main power supply or the main board, this mechanism will make it possible to lift/lower the patient.

If this should happen, please have the system checked by a qualified technician.

Instructions for use:

- a) Remove the Emergency key from the side of the power unit (refer to section 1.2- side view)
- b) Insert the short end of the key into the opening for the emergency lowering/lifting mechanism on the back of the power unit (refer to section 2.1- back view)
- c) Make sure the key is properly engaged and crank clockwise for down or counter clockwise for up.

Note: The ease of this operation is dependent on the weight of the patient.

3.2 Self Locking Mechanism:

The **Universal Lift System** has a unique self-locking mechanism to ensure safety in case of motor failure.

3. Safety Features: (cont'd)

3.3 Water Resistance:

The power unit is covered with a molded casing. This will protect the internal components if water is splashed on the power unit. It will not protect the power unit if submerged in water.

3.4 Low Voltage:

The system is powered by a 24 V, 2.9 Ah battery pack. The charger provided with the unit is equipped with a hospital grade cord and is CSA/UL approved.

The system is protected against any power surges by fuses on different circuits, therefore ensuring safety and eliminating the risk of electrical hazards.

4. Maintenance:

4.1 General Inspection & Servicing:

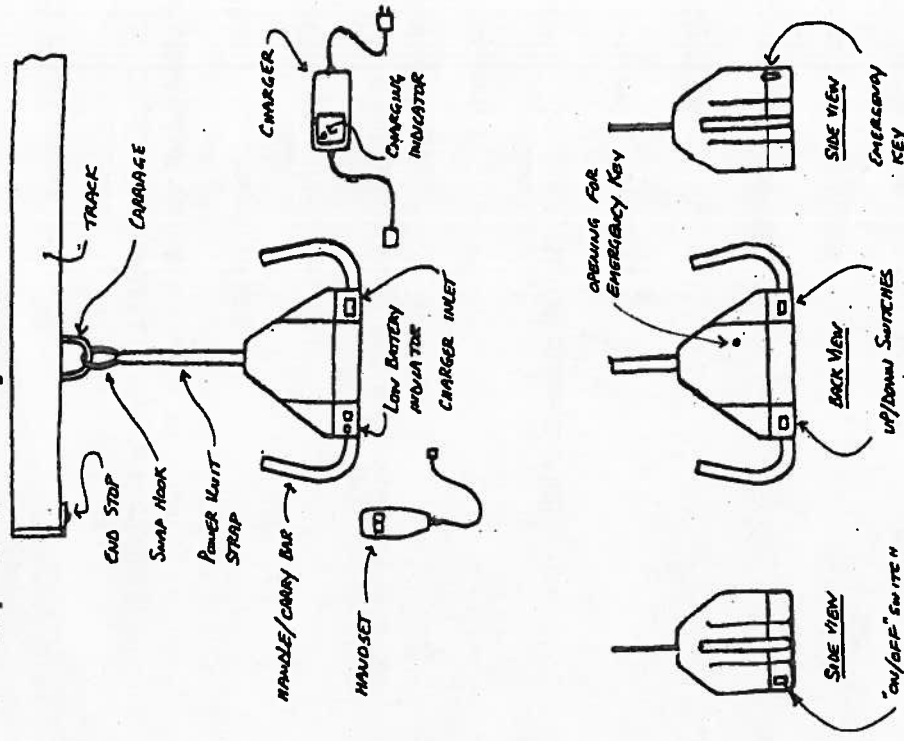
It is recommended that your system be inspected and serviced on a regular basis (once a year) by a properly trained technician.

4.2 Cleaning:

The lift and track should be cleaned regularly with a damp cloth. The inside of the track should be cleaned periodically to avoid build-up of dust on the rolling surface of the carriage.

The instructions for the cleaning of the slings can be found on the tag attached to the sling.

1.2 Components of System:



2. Operating Instructions: (cont'd)

(f) To unhook the power unit from the tracking system, lower the power unit onto a surface such as a bed, table or cart. Continue to push the down button on the power unit so that the slack is created in the power unit strap. As the slack is created in the strap, the reacher will swing down into a vertical position for easy access.

(g) Unhook the reacher from the webbing strap or carriage.

Note: The Reacher can be left attached to the power unit strap.

b) Carry Case:

A Carry Case is available through Gaper.

The case will accommodate and assist in transportation of the Power Unit, the Charging Unit, Handset, Reacher, and the Slings.

c) Weight Scale:

A Weight Scale is available to be used in conjunction with the Universal Lift System.

d) Storage Unit and Cart:

A wall mount storage unit is available for the Universal Lift System.

A cart is also available to ease the carrying of the power unit from room to room in an institutional setting. The power unit may be lowered on to the cart eliminating the need to manually lift and carry the power unit. It also has storage for the slings and other accessories.

2.2 Instructions for Use:

a) Position the patient in the sling as described in the Sling-User's Guide provided with each Gaper sling.

b) Attach the Gaper - Universal Patient Lift to the tracking system by securing the snap hook on the power unit strap to the ring on the webbing strap, or to the carriage ring when the webbing strap is not in use.

Note: If using the reacher, please refer to section 2.4 of this manual.

c) Using the up/down switch on the power unit or the handset, bring the lift to the height that will allow the straps of the sling to be hooked the carry bar. (In a seated position the power unit should be lowered below the patient's chin. In a lying position the power unit should be lowered near the upper chest) Ensure the power unit is clear of the user's head.

d) Attach the slings straps to the carry bar in the required position (refer to Sling User's Manual).

- (1) Upright
- (2) Semi-reclined
- (3) Reclined

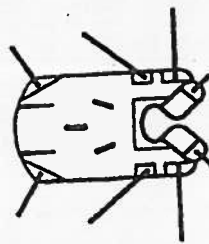
e) Keep the patients arms inside the sling and lift to the desired height by pressing the up button on one of the dual operation switches on the power unit or handset.

2. Operating Instructions: (cont'd)

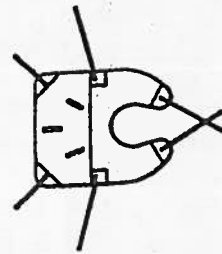
- f) Provide support to the patient while pulling him/her carefully in the sling along the ceiling track to the desired destination.
- g) Position the patient over the center of surface to which the patient is to be lowered (e.g.: bed, chair, toilet, bathtub, etc.).
- h) Lower the patient by pressing the down button on one of the dual operation switches on the power unit or handset.
- i) Unhook the sling straps from the carry bar.

2.3 Slings:

Gaper Products has a selection of Slings to be used with the Gaper - Universal Patient Lift System.



- a) **Full Support Sling: (GP7501 series):** To be used for patients with minimal upper body control that need full body support



- b) **Quick Fit Sling: (GP7502 series):** To be used for patients with upper body control. The Quick Fit Sling provides excellent thigh support for their toileting needs.

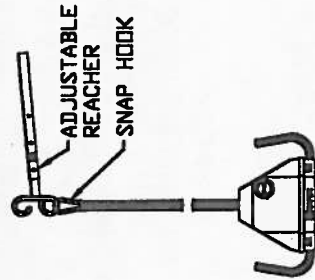


FIGURE 1

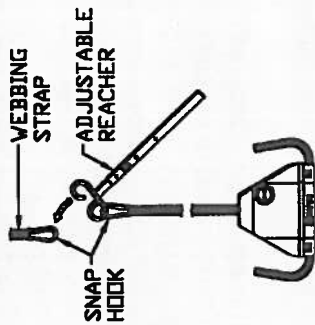


FIGURE 2

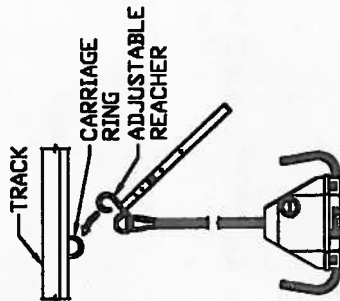


FIGURE 3

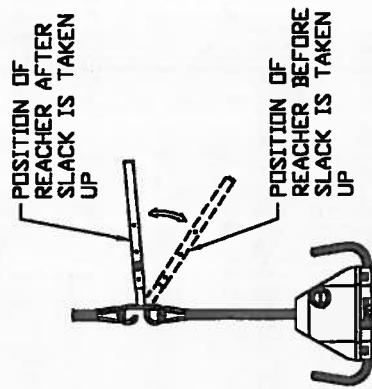


FIGURE 4

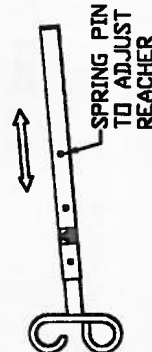


FIGURE 5

2. Operating Instructions: (cont'd)

2.5 Options & Accessories:

a) Reacher:

The Reacher has been designed to help independent users or caregivers to mount the power unit strap to the tracking system.

(1) Instructions for use:

(a) When the reacher is required, attach the snap hook on the power unit strap to the closed ring on the reacher (see Fig. 1).

(b) While the power unit is seated on a bed, cart or table, unwind the strap from the power unit sufficiently so that the reacher can easily engage the snap hook on the webbing strap or the ring of the carriage.

Note: Do not lift the power unit to be able to engage the reacher with the webbing strap or carriage ring, if this is the case repeat Step b.

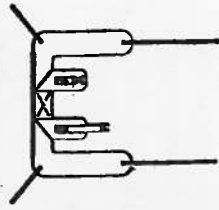
(c) Adjust the length of the reacher to suit. To adjust the length, depress the spring pin and shorten or lengthen the reacher handle as required (see fig. 5).

(d) Engage the open hook of the reacher into the snap hook of the webbing strap or the ring of the carriage (see fig. 2 or 3).

(e) Take up the slack of the power unit. As the slack is taken up, the reacher will swing out of the way to a horizontal position (see fig. 4).

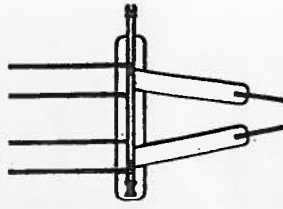
c) Toileting Sling: (GP7503 series):

To be used for patient with upper body control. It provides good access for clothing removal and toileting



d) Walking Sling: (GP7504 series)

For patient who have weight bearing ability. To assist patient in standing position, total or partial support while walking.



Note: Each sling comes complete with proper instructions for use.

2.4 Charging:

This section contains important operation instructions for the Gaper - Universal Lift System (GP600 series) model 2504002 charger rated 24VDC @ 1.5 Ah. A proper charging method is necessary for safety and for getting full performance from the batteries.

Note: Use only model 2504002 charger to charge the Gaper - Universal Lift System (GP600).

a) General Charge:

The Gaper - Universal Lift System comes with the batteries charged and ready for use.

2. Operating Instructions: (cont'd)

(1) Charge the system daily or when the "Low Battery" indicator on the power unit turns red and is accompanied by an audio signal. The system should be charged immediately after discharge for a minimum of five (5) to six (6) hours.

(2) To charge, place the system on a counter or table in a non-traffic area. Plug the output cordset of the charger to the charger inlet on the system, and make sure the "ON/OFF" switch is in the "ON" position (Refer to Fig.1).

Caution! Do not plug anything other than the model 2504002 charger into the power unit.

(3) The charger features an orange/amber indicator light that is first lit when charging a discharged battery, then will turn green when the battery is fully charged. Full charge is reached in about five (5) to six (6) hours.

(4) Once the batteries are fully charged, the charger and the system is ready for use.

Note: The charger will automatically shut off and will not overcharge the batteries.

b) Notes:

(1) To reduce risk of injury, charge only your Gaper-Universal System. Do not try to charge any other type of battery. Charging other types of batteries may result in an explosion or fire.

(2) Do not plug anything other than the Gaper model 2504002 charger into the Gaper-Universal System. This could result in damage to the system.

(3) The Gaper model 2504002 charger is an automatic float charger that is designed for safely charging your Gaper - Universal System without overcharge occurring due to extended charge time.

(4) Make sure the charger is located in a non-traffic area to prevent breakage of wire.

(5) An extension cord should be used only if absolutely necessary. The use of an extension cord could result in risk of fire or an electric shock. Always ensure the extension cord is in good physical condition.

(6) Do not attempt to do a transfer with the system while the charger is plugged in. Failure to do so may result in damage to the system or personal injury.

(7) Do not operate the charger if there is any physical damages to the case or cord. Failure to do so may result in a fire or an electric shock.

(8) Do not charge the system near a heater or any area where heat accumulation may occur.

(9) Do not under any circumstances attempt to disassemble the charger. Please return the charger for repair if it is not working properly.

(10) Make sure that the "ON/OFF" switch is in the "ON" position for proper charging.